	L #	Hits	Search Text	DBs
1	L1	34967	process\$3 near10 ((real adj2 time) realtime)	USPAT; US-PGPUB
2	L2	47600	communicat\$3 near20 (voice audio video)	USPAT; US-PGPUB
3	L3	2574	second) near5 process\$3) coprocess\$) near99 (1 2)	USPAT; US-PGPUB
4	L4	3768	(((main host assist\$3 back\$3 backup support\$3 master slave co associat\$3 first second) near5 process\$3) coprocess\$) near50 (communicat\$3 near20 (data parameter attribute)) near30 (transfer\$4 transmit\$4 send\$3 forward\$3 queu\$3 buffer)	USPAT; US-PGPUB
5	L5	238	3 and 4	USPAT; US-PGPUB
6	L6	168	5 and (voice audio video ((real adj2 time) realtime)).ab,ti.	USPAT; US-PGPUB
7	L7	11248	process\$3 near10 ((real adj2 time) realtime)	EPO; JPO; DERWENT; IBM TDB
8	L8	28180	communicat\$3 near20 (voice audio video)	EPO; JPO; DERWENT; IBM TDB
9	L9	383	(((assist\$3 back\$3 backup support\$3 slave co associat\$3 second) near5 process\$3) coprocess\$) near99 (7 8)	EPO; JPO; DERWENT; IBM_TDB
10	L10	1077	(((main host assist\$3 back\$3 backup support\$3 master slave co associat\$3 first second) near5 process\$3) coprocess\$) near50 (communicat\$3 near20 (data parameter attribute)) near30 (transfer\$4 transmit\$4 send\$3 forward\$3 queu\$3 buffer)	EPO; JPO; DERWENT; IBM_TDB
11	L11	17	9 and 10	EPO; JPO; DERWENT; IBM_TDB

٦	11	ent	ס	Title	Current OR
1		US 20030 18800 5 A1		Data stream-distribution system and method therefor	709/231
2		US 20030 17617 8 A1	⊠	Wireless communication terminal	455/334
. 3		US 20030 17471 2 A1	×	Mechanism for utilizing voice path DMA in packetized voice communication system to decrease latency and processor overhead	370/395 .64
4		US 20030 17218 5 Al	×	Method and system for adding text data to data communication sessions	709/246
5		US 20030 16790 6 A1	⊠	Musical information processing terminal, control method therefor, and program for implementing the method	84/615
6		US 20030 15431 7 A1	⊠	Computer apparatus and system configuration method	709/253
7		US 20030 13354 5 A1	⊠	Data processing system and method	379/93. 01
8		US 20030 12634 8 A1	⊠	Multi-processing memory duplication system	710/314
9		US 20030 12502 3 A1	⊠	Method and system for providing a wireless terminal communication session integrated with data and voice services	455/426 .1
10		US 20030 11224 3 A1	Ø	Macroblock padding	345/441
11		US 20030 09544 7 A1	⊠	Shared memory controller for display processor	365/200
12		US 20030 08096 3 A1	⊠	High performance low cost video game system with coprocessor providing high speed efficient 3D graphics and digital audio signal processing	345/501
13		US 20030 06104 8 A1	⊠	Text-to-speech native coding in a communication system	704/260
14		US 20030 03241 9 A1	⊠	Information processing system, information processing method of information processing system, information processing apparatus, and information processing program	455/419
15		US 20030 00196 6 A1	☒	Picture display device and picture display method	348/553
16		US 20020 18145 9 A1	×	Wireless communication apparatus	370/389
17		US 20020 17174 1 A1	⊠	High speed digital video serial link	348/211

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A	∆ ±,	ent ID	?გ%	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	©272€20 OR
1	8 2 1 8	0020 .6391 A1	Ø	System and method for distributed processing of packet data containing audio information	370/399
1	9 2	IS 10020 13107 1 A1	×	Display of image in response to printing instruction	358/1.1 5
2	$\begin{bmatrix} 2 \\ 0 \end{bmatrix}$	S 0020 8776 A1	⊠	Peripheral video conferencing system	710/65
2	1 2 0 0	S 0020 8776 A1	⊠	Peripheral video conferencing system	710/62
2:	2 2 0 4	S 0020 7781 A1	⊠	Voice recognition system method and apparatus	704/246
2:	3 2 0 2	S 0020 7707 A1	Ø	Radio transmitter and receiver	455/180 .1
24	0 5	0020 7581 A1	⊠	Computer-based multi-media communications system and method	370/276
25	6 0	0020 7281 A1	⊠	Audio system	700/94
26	06	0020 6566 A1	Ø	Voice recognition peripheral device	704/275
27	0 e	0020 6415 A1	☒	Customizable scripting based telephone system and telephone devices	370/355
28	03	S 0020 3108 A1	☒	Systems, processes and integrated circuits for improved packet scheduling of media over packet	370/229
29	02	S 0020 2933 A1	Ø	Communication protocol processing unit formed by multiprocessor	712/36
30	02 2	0020 2870 A1		Method and apparatus for transmitting and receiving data using continuous tone control squelch system	455/701
31	01 5	0020 1811 A1	Ø	communication terminal device and control mernon rherent	348/14.
32	04 8	010 1867 A1	⊠ 1	Processing device network	370/352
33	04 1	010 483 A1	Ø	System for communicating messages	709/206
34	04	010		APPARATUS AND METHOD OF CONNECTING COMPUTER NETWORK TO FELEPHONE	370/352

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	35	US 20010 03617 8 A1	. M	Telecommunications switch with programmable call processing and real time account management for switching and billing all common informational protocols on a single switch and network	370/364
	36	US 20010 02331 6 A1	: 100	System and method for generating and transferring data	600/301
	37	US 20010 01877 1 A1	1 1	System and method for supplying supplemental information for video programs	725/91
	38	US 20010 01835 1 A1	Ø		455/552
	39	US 65939 29 B2	Ø	High performance low cost video game system with coprocessor providing high speed efficient 3D graphics and digital audio signal processing	345/501
4	10	US 65711 09 B1 US	×	Wireless local loop system enabling FAX service and method of performing FAX data service	455/555
4	1	US 65670 93 B1 US	Ø	Single semiconductor chip for adapting video signals to display apparatus	345/519
4	12	65670 41 B1 US	Ø	Network system and method for a remote reference receiver system	342/357 .03
4	.3	65642 69 B1	×	Bi-directional data transfer using the video blanking period in a digital data stream	710/20
4	4	US 65561 97 B1	☒	High performance low cost video game system with coprocessor providing high speed efficient 3D graphics and digital audio signal processing	345/419
4	5	US 65390 87 B1		Audio conferencing system	379/202 .01
4	6	US 65325 91 B1	☒	System for downloading computer software with broadcasting program	725/132
4	7	US 65295 02 B2	⊠	Systems and methods for multiple mode voice and data communications using intelligently bridged TDM and packet buses and methods for performing telephony and data functions using the same	370/353
4	8	US 65196 62 B2	⊠	Peripheral video conferencing system	710/60
4	9 (US 65077 65 B1		Computer integrated manufacturing control and information system	700/95
50		US 64777 08 B1 US	Ø	Bidirectional communication system, client terminal, client management server, and broadcast server	725/116
51	L e	54456 79 B1	⊠	Stream communication system and stream transfer control method	370/232
52	2 6	64079 6 B1	⊠	Processing device network	370/352
53	7	3972 75 B1	Ø	Peripheral video conferencing system	710/60
54	6 4			Method and apparatus to improve video processing in a computer system or the like	382/100
55	6	•		Combined game system	163/42

	Docu ent ID	ם	Title	Current
56	55 B		Audio and video decoder circuit and system	348/423
57	22 B		Audio-driven visual representations	345/473
58	49 B1		Method and apparatus for performing distributed speech processing in a communication system	704/275
59	US 63428 92 B1		Video game system and coprocessor for video game system	345/503
60	US 63318 56 B1	, 4	Video game system with coprocessor providing high speed efficient 3D graphics and digital audio signal processing	345/503
61	US 63138 64 B1	: 23	Image and voice communication system and videophone transfer method	348/14. 02
62	US 63108 64 B1		Voice echo cancellation for SVD modems	370/286
6.3	US 62927 81 B1	Ø	Method and apparatus for facilitating distributed speech processing in a communication system	704/270
64	US 62646 14 B1	Ø	System and method for generating and transferring medical data	600/528
65	US 62635 05 B1	Ø	System and method for supplying supplemental information for video programs	725/110
66	US 62401 65 B1	Ø	Communication support system in which a caller profile from a data processing device is transmitted to a telephone device upon incoming of a call	379/88.
67	US 62398 10 B1	Ø	High performance low cost video game system with coprocessor providing high speed efficient 3D graphics and digital audio signal processing	345/420
68	US 62260 17 B1	⊠	Methods and apparatus for improving read/modify/write operations	345/531
69	US 62090 26 B1	⊠	Central processing and combined central and local processing of personalized real-time traveler information over internet/intranet	709/218
70	US 62086 58 B1	⊠	Systems and methods for multiple mode voice and data communications using intelligently bridged TDM and packet buses and methods for performing telephony and data functions using the same	370/401
1	US 62083 72 B1	☒	Remote electromechanical control of a video communications system	348/14. 16
2	US 62081 04 B1		Robot control unit	318/568
3	US 61667 48 A		Interface for a high performance low cost video game system with coprocessor providing high speed efficient 3D graphics and digital audio signal processing	345/522
4	US 61638 73 A	- 1	Data communication method and system	714/782
5	US 61544 66 A	⊠ I	Oata transmitting system	370/466
6	US 61095 25 A	⊠ f	dethod and device for registering vehicles in a road toll acility	235/384
7	US 60887 02 A	⊠G	croup publishing system	707/103 R

-		ent ID US	+	Title	Curre
7		6084 31 A JS		5 -Post digital video serial link	348/2
7	9	073: 2 A	×	Peripheral video conferencing system with control unit that controls presentation of remote video signal through the	t 710/6
8	0 6 3	IS 0728 0 A S	×	Method for generating a compressed video signal	375/2
81	1 6	0675 6 A	Ø	Speech and text messaging system with distributed speech recognition and speaker database transfers	704/24
82	2 6	0610 9 A	Ø	High-speed digital video serial link	348/21
83	60)292 . A	⊠	System and method for interfacing a digital signal processo (DSP) to an audio bus containing frames with synchronization	.6 r n 710/30
84	60	264 A		Data transmission processing system	725/10
85	60	208 A		Multi-media processing system with wireless communication to a remote display and method using same	1945/3:
86	91 US	_	-	Method and apparatus for multiple media digital communication	on 370/263
87	594 64 US	A		onference call on a personal handy phone system portable	370/263
88	594 71 US	A		ethod and apparatus for emulating laboratory instruments at emote stations configured by a network controller	703/23
39 90	592 26 US 590	A	Me	ethod for adjusting the quality of a video coder ethod and system for supporting data communication between	375/240 .22
1	55 Z US 5898		Sy	stem and method for	709/253
	60 Z US 5875	\		stem and method for automatically generating a control awing for a real-time process control system	703/6
	36 A US 5864		1	rtual transcription system	705/34
-	81 A US 5848		Tra	deo encoder/decoder system	709/247
-	97 A US 58452			nsceiver apparatus employing wideband FFT channelizer and erse FFT combiner for a multichannel communication network	375/219
- 3	39 A JS 58419		Inf	Ormation transmissi	704/200
- 7 U	71 A 75 8320	-	1		709/200
6 U.	6 A		1		379/106 .01
71 US	8 A	⊠ ⊠	Mult	i-point videoconfo	375/240 22
85	5 A	23	stat	ion for data transfer 3	48/14.

	Docum ent ID	σ	Title	Current
101	US 58155 03 A	Ø	Digital simultaneous voice and data mode switching control	370/471
102	US 58052 28 A	Ø	Video encoder/decoder system	375/240 .22
103	81 A	Ø	Peripheral audio/video communication system that interfaces with a host computer and determines format of coded audio/video signals	709/228
104	US 57907 87 A	×	Device for interfacing a CD-ROM player to an entertainment or information network and a network including such device	709/250
105	US 57905 32 A	Ø	Voice over video communication system	370/286
106	US 57646 28 A	Ø	Dual port interface for communication between a voice-over-data system and a conventional voice system	370/271
107	US 57646 27 A	Ø	Method and apparatus for a hands-free speaker phone	370/271
108	US 57545 89 A	Ø	Noncompressed voice and data communication over modem for a computer-based multifunction personal communications system	375/216
109	US 57489 07 A	Ø	Medical facility and business: automatic interactive dynamic real-time management	705/2
110	US 57292 82 A	Ø	Video camera system	348/14. 12
111	US 57092 09 A	Ø	Ultrasound signal processing system	600/447
112	US 56968 09 A	Ø	Advanced intelligent network based computer architecture for concurrent delivery of voice and text data using failure management system	379/22. 01
113	US 56732 68 A	☒	Modem resistant to cellular dropouts	370/522
114	US 56732 57 A	⊠	Computer-based multifunction personal communication system	370/286
L15	US 56662 91 A	Ø	Device for interfacing a CD-ROM player to an entertainment or information network and a network including such device	709/250
116	US 56234 90 A	☒	Method and apparatus for multiple media digital communication system	370/263
.17	US 56216 72 A	☒	Multitask control system	700/5
.18	US 56195 08 A	Ø	Dual port interface for a computer-based multifunction personal communication system	370/495
.19	US 56174 23 A	⊠	Voice over data modem with selectable voice compression	370/426
20	US 56067 07 A	Ø	Real-time image processor	345/418
21	US 56006 49 A	⊠	Digital simultaneous voice and data modem	370/435
22	US 55925 86 A	Ø	Voice compression system and method	704/220
_	US 55770 41 A	Ø I	Method of controlling a personal communication system	370/271

	ent TD	σ	Title	Current OR
124	US 55747 25 A	×	Communication method between a personal computer and communication module	370/426
125	US 55725 83 A	Ø	Advanced intelligent network with intelligent peripherals interfaced to the integrated services control point	379/221 .09
126	US 55684 95 A	☒	Modular audio data processing architecture	714/798
127	US 55597 93 A	×	Echo cancellation system and method	370/286
128	US 55487 25 A	☒	System for transmitting command and/or data in a single packet and automatically reporting status a predetermined time after receiving a command	709/208
129	US 55374 35 A	☒	Transceiver apparatus employing wideband FFT channelizer with output sample timing adjustment and inverse FFT combiner for multichannel communication network	375/219
130	US 55352 40 A	Ø	Transceiver apparatus employing wideband FFT channelizer and inverse FFT combiner for multichannel communication network	375/219
131	US 55352 04 A	Ø	Ringdown and ringback signalling for a computer-based multifunction personal communications system	370/495
132	US 55171 85 A	⊠	Building communication and control system	340/5.3
133	US 55008 59 A	⊠	Voice and data transmission system	370/468
134	US 54993 17 A		Audio message storing circuit and control method therefor	704/270
135	US 54954 73 A	\boxtimes	Method and apparatus for implementing hardware independent echo cancellation in a full-duplex audio stream in a computer system	370/286
136	US 54870 67 A	-⊠	Audio data communications	370/460
137	US 54835 74 A	☒	Communication terminal equipment	379/32. 04
138	US 54714 70 A	☒	Computer-based multifunction personal communications system	370/271
139	US 54653 70 A	Ø	Electronic meeting support system	709/204
140	US 54577 82 A	☒	Digital signal processing circuit board having use for voice processing system	704/200
141	US 54539 86 A	Ø	Dual port interface for a computer-based multifunction personal communication system	370/259
142	US 54522 89 A	☒	Computer-based multifunction personal communications system	370/286
143	US 54285 55 A	☒	Facility and gas management system	700/275
144	US 53922 23 A	Ø	Audio/video communications processor	709/218
145	US 53554 43 A	⊠	Image computing system	345/589
146	US 53135 86 A	⊠	Co-processor de-coupling bus structure	712/34

	ent ID	σ	Title	Current OR
147	US 53013 50 A	Ø	Real time storage/retrieval subsystem for document processing in banking operations	705/33
148	US 52952 65 A	×	Device for enhancing the performance of a real time executive kernel associated with a multiprocessor structure that can include a large number of processors	709/100
149	US 52768 66 A	Ø	System with two different communication mediums, transmitting retrieved video and compressed audio information to plural receivers responsively to users' requests	725/114
150	US 52629 65 A	⊠	System and method for high speed computer graphics image computation using a parallel connected, asynchronous multiprocessor ring coupled to a synchronous special purpose video processing ring	358/1.1
151	US 52573 97 A	⊠	Mobile data telephone	455/553 .1
152	US 52549 99 A	⊠	Video signal processor for radar system	342/197
153	US 52395 43 A	×	Communication system and a central processing unit as well as a communication station in the communication system	370/458
154	US 51756 79 A	Ø	Control for electronic image processing systems	700/28
155	US 51310 26 A	☒	Facsimile system having auto-answering function	379/100 .16
156	US 51289 81 A	×	Radio communication system and a portable wireless terminal	455/450
157	US 50738 90 A	Ø	Remote agent operation for automatic call distributors	370/270
158	US 50724 42 A	Ø	Multiple clock rate teleconferencing network	370/265
159	US 49145 87 A	☒	Financial data processing system with distributed data input devices and method of use	705/38
160	US 49028 81 A	⊠	Parallel process communications terminal and network	235/381
161	US 48622 68 A	☒	Addressable cable television control system with video format data transmission	348/463
162	US 48356 99 A	☒	Automated distributed control system for a weaving mill	700/140
163	US 45649 15 A	×	YIQ Computer graphics system	345/550
164	US 45218 79 A	Ø	Digital private branch exchange	370 <u>/</u> 267
165	US 44596 77 A	Ø	VIQ Computer graphics system	345/537
166	US 43074 61 A	☒	Call processor for a satellite communications controller	379/269
167	US 37455 29 A	⊠	TROUBLE ALARM DEVICE FOR TRANSMISSION SYSTEM	714/815
168	US 36263 82 A		DATA PROCESSING TERMINAL UNIT	358/1.1

	ent ID	ט	Title	Current OR
1	JP 20022 21563 A		GPS POSITION DETECTION DEVICE AND GPS POSITION DETECTION SYSTEM	
2	JP 20020 77297 A	Ø	COMMUNICATION PROTOCOL PROCESSOR BY MEANS OF MULTIPROCESSOR	
3	JP 20012 85514 A	Ø	COMMUNICATION DEVICE	
4	EP 12440 05 A2	Ø	Display of image with format conversion in response to printing instruction	
5	EP 71334 3 A2	Ø	Portable multi-information communication device	
6	EP 56929 0 A1	Ø	Flight data processor.	
7	EP 27923 0 A2	⋈	Video adapter with improved data pathing.	
8	US 20030 04641 0 A	×	Real-time user support providing method for data processing system, involves sending request to initiate communications link for real-time user support corresponding to detection of monitored user input	
9	JP 09009 125 A	×	Electronic still camera system for photograph recording on solid state memory, magnetic recording medium - has transmitter and receiver which performs transmission of video signal processing data through first and second communication units to external device or main body	
10	JP 07288 645 A	⊠	Image processor transferring audio/voice data to external processor - has communication controller, audio data memory	
11	GB 22769 53 A	×	Multi-task control system for controlling operations of controlled devices for e.g. welding or work piece assembly - comprises multi-task processor communicating with real=time	
12	BE 10056 54 A		processor by exchange of data through communication memory Colour image storage and reproduction system - includes large removable hard discs holding file data relating to scanned images and their corrected colour tints	
13	EP 56929 0 A	Ø	Flight information processor - uses ASIC with dual-access memory providing data transfer between data processor and communications processor	
14	EP 51755 8 A	Ø	High performance real-time executive kernel for multiple processors - uses multiple operation control circuits, one for each processor, and allows all processors access to all control circuits	
15	EP 42373 0 A	⊠	Domestic data communication network with audio visual device - sends type of access and slave memory address to data processing unit which sends memory access designating frame to slave	
16	GB 22301 62 A	M	Mobile telephone with paging - comprises separate paging signal channel in addition to conventional transceiver channels which process voice signals	
17	EP 36718 3 A		Computer graphics image computing system - has computing sub-systems and digital video processors connected for exchanging data	